

CAEN STONE.
LUARD and BEEHAM have a quantity of the above stone, of the best quality, direct from their Quarries at Allmange, which may be imported at the Norway Scaffolding Wharf, Greenwich.—Further particulars at **Mrs. G. GATTS, 14, SOUTHWARE-SQUARE, SOUTHWARK.**

MARBLE CHIMNEY PIECES.—The **WESTMINSTER MARBLE COMPANY** have this spring, restocked their show-rooms with a great variety of chimney-pieces of quite a new design, with the best quality of Italian Marble selected especially for their work, and will be sold to builders at much reduced prices than they will realize a great saving by forwarding their orders to the Westminster Marble Works. An unskilled and will be maintained to continue the patronage so liberally shown to this Establishment.—Address, Earl-street, Millbank.

TO ARCHITECTS, BUILDERS, AND THE PUBLIC IN GENERAL.

C. DEBAUFER and SON beg to call the attention of Architects, Builders, &c., to their general assortment of Gas Lamps, Patent, Hydraulic, and other apparatus, Gas Brackets, Pillars, and every article connected with gas apparatus, at their Manufactory and their Rooms, 10 and 11, Great-lane, Islington-street.—A liberal discount allowed to architects and builders.

PAVING, 2s. 9d. PER SQUARE YARD.
 Basements, Foot walks, Mill-louises, Corn Stores, Floors of Warehouses, and every description of pavement laid down at the above low price, and the work guaranteed.—Apply to **JOHN PILKINGTON, POLNCEAU'S BITUMEN PAVEMENT OFFICE, 15, WHARF-ROAD, CITY-ROAD.**—N.B. Country Agents and Railway Engineers and Contractors supplied with the best bitumen at 2s. 6d. per ton.

TO ARCHITECTS.

IN consequence of many complaints having been made to the Company, by Architects, of a spurious material having been used in the execution of Works where the **SEYSEL ASPHALT** had been specified for, the Directors, with a view to ensure the fulfilment of any such specification, have authorized **CERTIFICATES** to be granted to Builders where the

SEYSEL ASPHALT has been used. For the purpose of securing the use of the Genuine Article, Architects and others are recommended to insert in their specifications the "Seyssel Asphalt, Glazier's Patent," and not merely "Asphalt," or "Bitumen," as in many cases where these terms have been used, gas-tar and other worthless and offensive compositions have been introduced. **J. FARRELL, Secretary, Stangate, near Westminster Bridge, Jan., 1845.**

Books of Instructions for Use may be had at the Office of "The Builder," and of all Booksellers in Town and Country, price 1s.

"In proof of the necessity of the above advertisement, it may be mentioned, that it has come to the knowledge of the Directors, that in certain works which have been executed by Messrs. CURTIS, Builders, of Stratford, a spurious material has been used by them, contrary to the specifications, which expressly mentioned, that "Glazier's Asphalt" was to be used.

Also in the case of a work at Lewisham executed by Messrs. ROBERT and DANIEL YOUNG, of 10, Crown-row, Walworth-road, where Seyssel Asphalt was specified for, a spurious article was nevertheless laid down by them.

WALLIS'S PATENT LIQUID WOOD KNOTTING.—This newly-discovered Liquid Composition which Messrs. Geo. and Thos. Wallis have the satisfaction of introducing to the Trade, possesses the important qualification of effectually stopping Knots in Wood, however bad, and preventing them settling through and disfiguring the paint above.

Many substances have been used and much time spent in endeavouring to find a cure for a bad Knot, but hitherto without success. Messrs. Wallis therefore feel much pleasure in offering to the public an article so long and anxiously called for.

In the application, skill is not required; it is put on to the work with a brush like common paint, can be used in all climates and situations, and does not require heat.

Sold wholesale and retail, by Messrs. G. and T. Wallis, Warwick, Japan, and Colour Manufacturers, No. 64, Long Acre. Price 3s. per gallon.

STEPHENS'S LIQUID OAK, MAHO-GANY, ROSE, and SATIN WOOD STAINES, for staining various sorts of Inferior Woods, so as to give them the appearance and character of the more costly and ornamental kinds; also for reviving the natural colour of Wood Carvings and Panellings, and other ornamental Wood Work, when such has become faded from age or other causes.

IN THE BUILDING AND DECORATING NEW CHURCHES, where it is desirable to give to the cheaper kind of Woods the appearance of Antique Oak, or to make Deal assume the character of Oak Panelling, whereby the effect of the more costly may be produced by the use of a cheaper material, these Stains will be found more effective than any hitherto employed.

IN OLD MANIONS AND HALLS, where the Wood Carvings and Panellings have faded, the applications of these Stains will be found to revive and bring back the rich natural colour, and which colour may be varied from the lighter to the deeper shades of the most Antique Oak.

THE BIRCH WOOD, which has a fine natural grain, with little colour, is particularly suited to the applications of these Stains; and the appearance which it assumes after staining is so near that of the natural wood, that it is only when the grain and colour of the latter is particularly fine that it is preferred. Birch, Elm, Ash, and other Woods, English and Foreign, receive the Stains and produce various imitations.

For the exposed Timbers of the inside of the ROOFS of CHURCHES, for which north country Timbers and Deals are generally used, by brushing them over with the Stain, which operation is very rapidly, and of course economically effected, the appearance of an Oak Roof will be produced. For colouring the backs of the Seats, Pews, the fronts of Galleries, the Pulpit, &c., it is equally advantageous.

Prepared by **HENRY STEPHENS,** and may be obtained at 44, Stamford-street; at the Office of "The Builder," 2, York-street, Covent-garden, and in Manchester, at **CHAEK'S MARBLE WORKS, Garret-bridge, David-street,** at which places specimens of their application may be seen.

HEAL & SON'S LIST OF BEDDING.

CONTAINING a full description of Weights, Sizes, and Prices, by which purchasers are enabled to judge the articles that are best suited to make a good set of bedding. Sent free by post, on application to their establishment, the largest in London, exclusively for the manufacture and sale of bedding (no bedsteads or other furniture being kept).

HEAL and SON, Feather Dressers and Bedding Manufacturers, 194 (opposite the Chapel), Tottenham Court Road.

FRENCH PAPER HANGINGS.—All the newest and most splendid Patterns of the Season, Duty of 5d. per yard, on view, and orders taken at **HEAL and SON'S Warehouse, 59, Prince-street, Leicester-square.** Carved Leather and Carved Paper Ornaments, and Upright Velvet, at the same Reduced Prices.

PAPER HANGINGS.
BUILDERS, ARCHITECTS, SURVEYORS, and Others, may select from a Stock of 50,000 Patterns of Paper Hangings, drawn up in 12 volumes, Gold, Silver, Red, Green, and other Colours, China, &c., at unprecedentedly low prices, at **W. LESCHELL'S, 33, Bedford-street, corner of Bloomsbury, City.**

SNOXELL'S PATENT SAFETY REVOLVING WOOD SHUTTERS.
 Manufactory, 94, Regent-street, and 157, Chancery-lane.

THE Patentee can confidently recommend these Shutters both for security and durability. The edges being sheathed with IRON, and the cost little more than common shutters, their construction is simple, the largest establishment can be opened or closed in a few moments with the greatest possible ease without the use of machinery. Their superiority over other Revolving Shutters consists in being made without metal hinges, consequently cannot rust, buckle, or get out of order, and are equally safe. **W. SNOXELL** will have much pleasure in giving references to numerous establishments where they are fixed, saving on all occasions given the greatest satisfaction.

IMPROVED PATENT CONVEX IRON REVOLVING SAFETY SHUTTERS.
PATENT SAFETY IRON SLIDING SHUTTERS.



The attention of Architects, Builders, Window Makers, and the Trade generally, is particularly requested to the **IMPORTANT IMPROVEMENTS** in the above enumerated Articles, and inspection invited, at the Manufactory of the Patentee, **R. HOWARD and Co., 115, Old Street, London;** or at the Licenses.

Engravings and Prospectuses may be had at the above address, or will be forwarded on application.

The great importance of STRENGTH and STIFFNESS in the Laths of REVOLVING IRON SHUTTERS, when required for SECURITY, is so obvious, that it is only necessary to point out the fact that the **PATENT CONVEX LATHS** (as shown by the engravings and prospectuses), to ensure their general adoption.

REVOLVING IRON SHUTTERS MADE OF THE COMMON FLAT LATHS, AT A VERY CONSIDERABLE REDUCTION OF PRICE.

CAUTION.—The Patentee begs to caution all persons against those who use or use any ART LATHS for REVOLVING IRON SAFETY SHUTTERS, so as to obtain increased strength or stiffness; as they thereby render themselves liable to legal proceedings for infringing this patent. Licenses Granted.

REDUCTION IN THE PRICE OF BUNNETT AND CORPE'S PATENT REVOLVING IRON SHUTTERS.

THE validity of this Patent being completely established, the Patentees have much pleasure in stating that the very extensive demand, and the employment of improved machinery in the manufacture, have given them an opportunity (of which they gratefully avail themselves) of making a considerable reduction in the price of this well-known and tried invention, thereby rendering them the cheapest as well as the best iron shutters in use. Every improvement suggested by practical skill and most extensive application has been adopted, and no effective REVOLVING IRON SHUTTER can be constructed without infringing B. and C.'s patent. The worm and wheel, as patented by them, being the only safe, durable, and efficient mode of raising and lowering such shutters, these shutters can be applied horizontally, either above or below the window, or vertically, as introduced by **BUNNETT and CORPE**, in some of the largest establishments; they are made with bent or corrugated laths, if required.

BUNNETT and CORPE'S Manufactory, with their patent raising machinery, or with counterbalance weights, and with proper metallic hinges, without which no shutters can be safe or durable.

BUNNETT and CORPE are likewise Patentees and Manufacturers of METALLIC SASH-BARS, BOLDING-IRON, BRASS COPPER, OR ZINC, FOR SHOP FRONTS, WINDOWS, SEYLIGHTS, AND VARIOUS OTHER PURPOSES.

Shop Fronts fitted in a superior manner with Iron Shutters, Patent Brass or Zinc Bars, Moulded Engraved Staff Board Plates, best Plain Glass, and internal Brass Fittings of all kinds, on the most advantageous terms. Estimates given and contracts taken in Town or Country. All kinds of metal works executed in any design. Metal Drivings, Rolling, and Stamping in the Trade. **OFFICE, 54, LOMBARD-STREET, LONDON. WORKS, at DEPTFORD, KENT.**

FINE ARTS.

By Just Majesty's Royal Letters Patent.

LORIMIER'S TRANSPARENT PLANES for Perspective Drawing; **BENJAMIN WEST, Painter.**

"This Instrument will enable Artists and others to make any Drawing, whether from Nature or Models, in perfectly true perspective, so that a likeness or landscape may be taken in a few minutes absolutely perfect. It is used by Her Majesty's Royal Sappers and Miners, Chalcott. To Teachers it would be found serviceable, since it can be employed without the knowledge of drawing."—*Art Union.*

Price 18s. and 25s. Apply for Agents to **BENJAMIN WEST, 5, James-street, Glasgow.**—Also by **BARR, BITT and Co., 173, Fleet-street, London;** **GRiffin and Co., Glasgow;** and by all Fancy Storekeepers, &c.

HENDRY and GLOVER, IRON-FOUNDERS, beg to inform their customers that they have removed their Foundry (from Heart's-buildings) to **CHARLES-STREET and 160, DAURY-LANE,** where they have adopted every improvement to enable them to compete successfully in quality, price, and punctuality. They have also an extensive and well-arranged stock of patterns for every description of Castings.

IRON BRIDGES, PIERS, &c.

"For the Numerical Explanation of DAVENPORT'S PRINCIPLES, see the "Mechanics Magazine," No. 1172.

THIS system removes from the Arch to the horizontal line the horizontal force of the whole Bridge, which makes the roadway as powerful as the arch, and the arch, with half the material, more than double its original power. The pressure on the key-stones of the arch is in the horizontal force of a Bridge, which acts directly on that point as a dead load of self-destruction; and it has thrown down, within the last eighteen months, nearly sixty arches of Viaducts and Bridges.

EXAMPLE.—The Metal Bridge, whose depth is 1-14th of its length, and the suspended weight 800 tons, its horizontal force is 1,000 tons of self-destruction on the centre; hence it would require but a small portion of the material and cost of that bridge to construct one over the Metal Strain on this plan, that would possess far greater power and stability than the present structure.

This principle has been fully tested nearly ten years, by the construction of fifteen public bridges for the Government and others in Great Britain. It is also established in India. Bath, 3rd April, 1845.

HOLBORN AND FINSBURY SEWERS, MIDDLESEX.

THE COMMISSIONERS OF SEWERS—for the LIMITS give NOTICE, that their Office, Hatton Garden, is open daily between the hours of Ten and Four, where information can be obtained (gratis) by persons about to Purchase or Rent Houses or Property, or take Land for Building purposes, of the situation and level of the public Sewers, capable of affording sufficient Drainage, and which they recommend all such Persons to apply for at the above Office.

By the Court, **STABLE and LUSH, Clerks.**

COURT OF SEWERS FOR WESTMINSTER, AND PART OF MIDDLESEX, No. 1, Great-street, Holborn-square.

TO BUILDERS and Others interested in buildings or in ground for building upon, within the district under the jurisdiction of this Court, drained by water-courses falling into the River Thames, between the city of London and the parish of Fulham.

The Commissioners hereby give notice, that by an Act of the 47th Geo. III. (chap. 7, local) it is required that, previously to the making of any new sewer in any street, lane, or public way, or in any part intended to become a street, lane, or public way, or to carry off drain or water from any house, yard, or ground, into any sewer under their management, or within their jurisdiction, a notice in writing shall be given to them, or to their clerk at their office, and that such new sewer or sewers shall be constructed and made in such manner and form as shall be directed by the said Commissioners, and not otherwise.

And, in order to prevent the serious evils and inconveniences that must arise from ground proposed to be built upon being excavated at too great a depth, the Commissioners have directed that, upon application being made at this office previously to the excavation of such ground, information shall be given as to the lowest depth at which the same can be drained.

And the Commissioners do also give notice that, whenever the lower floors or pavements of buildings shall have been laid so low as not to admit of their being drained with a proper current, they will not allow any sewers, or drains into sewers, to be made for the service of such buildings.

It is recommended to all persons about to purchase or take houses, or other premises, to ascertain whether such premises have separate and distinct drains into common sewers.

All petitions must be delivered at this office at least three clear days before they are presented to the Commissioners; and all such petitions will be called on in the order of their application, and the name of any party not present when called on to support the application will be struck out, and the proceedings must in consequence be commenced de novo.

All communications made with any sewer without leave of the Commissioners will be cut off, and the parties making the same will subject themselves to a fine.

The provisions of the Metropolitan Buildings Act (7 and 8 Victoria, c. 84) do not supersede the authority of the Commissioners of Sewers in the above respects, but their powers are expressly reserved, and their regulations made subservient to the purposes of that Act. The execution of such works, under the superintendence of the district surveyors, cannot interfere with the making of any sewers or drains within this commission, nor reverse the parties making them from the penalties above mentioned.

By order of the Court, **LEWIS C. MONTAGUE, Clerk.**